

06/15/00

Jc862 U.S. PTO

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
1073.060

Total Pages in this Submission

## TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**MOLECULAR DOCKING TECHNIQUE FOR SCREENING OF COMBINATORIAL LIBRARIES**

and invented by:

Diller et al.

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation   ☐ Divisional   ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation   ☐ Divisional   ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation   ☐ Divisional   ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

### Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 52 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

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**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

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**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal                      Number of Sheets Eight (8)
- b. ☐ Informal                      Number of Sheets \_\_\_\_\_
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)*                      ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney                      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied  
under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☒ Assignment Papers *(cover sheet & document(s))*
9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☒ Information Disclosure Statement/PTO-1449                      ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class                      ☒ Express Mail *(Specify Label No.):* EL497287150US

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(Only for new nonprovisional applications under 37 CFR 1.53(b))

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## Accompanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. ☐ Additional Enclosures (please identify below):

## Fee Calculation and Transmittal

### CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	30	- 20 =	10	x \$18.00	\$180.00
Indep. Claims	3	- 3 =	0	x \$78.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$690.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$870.00

- ☒ A check in the amount of \$870.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 08-1935 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Blanche E. Schiller  
Signature

Dated: June 15, 2000

Blanche E. Schiller, Esq.  
Reg. No. 35,670  
Attorney for Applicants  
HESLIN & ROTHENBERG, P.C.  
5 Columbia Circle  
Albany, NY 12203  
Telephone: (518)452-5600  
Facsimile: (518)452-5579

cc:

**CERTIFICATE OF MAILING IN "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **Diller et al.**

Docket No.

**1073.060**

Serial No.

Filing Date  
Herewith

Examiner

Group Art Unit

Invention: **MOLECULAR DOCKING TECHNIQUE FOR SCREENING OF COMBINATORIAL LIBRARIES**I hereby certify that this Patent Application*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231

on June 15, 2000  
*(Date)*

Mara Warren*(Typed or Printed Name of Person Mailing Correspondence)*Mara Warren*(Signature of Person Mailing Correspondence)*EL497287150US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

- \* Utility Patent Application Transmittal Letter (3 pp.) (in duplicate)
- \* U.S. Patent Application - (Specification - 36 pp.; 30 Claims - 15 pp.; Abstract - 1 p.)
- \* Declaration and Power of Attorney (3 pp.) (signed)
- \* Assignment w/Recordation Cover Sheet (signed) (4 pp.)
- \* Information Disclosure Citation w/references (2 pp.) (9 cited)
- \* Eight (8) sheets of formal drawings
- \* Postcard
- \* Check for \$910 (\$870 - filing fee; \$40 - assignment fee)